

<p>Nikol'ski, B. P., Trofimov, A. M., and Vysokostrovskaya, N. B. TRILON B COMPLEXES OF BARIUM AND RADIUM, tr. by F. E. Wallwork. Mar 61 [14]p. 58 refs. AWRE Trans. U-158; [DSIR LLU] M.4000. Order from OTS or SLA \$1.60 61-28181 Trans. of Radiokhimiya (USSR) 1959, v. 1, no. 2, p. 147-154.</p> <p>DESCRIPTORS: *Acetic acids, Acids, Sodium compounds, Ethylenedinitrilo tetracetates, *Radium, *Barium, Complex compounds, Complex ions, Labeled substances, Radioactive isotopes, Ion exchange.</p> <p>From examination of the complexing process of radium and barium in solutions of Trilon B in the pH range 2-8 by the ion-exchange method using labelled atoms (Nuclear Physics and Nuclear Chemistry, TT, v. 6, no. 12) (over)</p>	<p>61-28181</p> <p>I. Title: Trilon B. I. Nikol'ski, B. P. II. Trofimov, A. M. III. Vysokostrovskaya, N. B. IV. AWRE-U-158 V. DSIR LLU M.4000 VI. Atomic Weapons Research Establishment (Gt. Brit.)</p> <p>NLL M 400-0</p>	
---	--	--

Determination de la Valence du Polonium en Solution,  
(Determination of the Valence of Polonium in Solution),  
by B. P. Nikolskiy, G. S. Sinitzyna, D. M. Ziv, 26 pp.

ROSSIAN to FRENCH, per, Trudy Radievogo Inst imeni  
V. G. Khlopina, Vol VIII, 1958, pp 141-152.

Reverse Trans  
CEA Tr-R-1111

Sci  
Jun 61

Ion-Exchange Sorption of Radioelements, by B. P.  
Nikol'skiy.

RUSSIAN, per, Zhur Neorgan Khim, No 1, 1958,  
pp 59-65.

Infosearch Ltd.

Sci - Chem  
Sep 59

96,377

(FDD 22817)  
Maximum Allowable Concentrations of Poisonous  
Gases, Vapors, and Dusts in the Air of Spaces  
Occupied by Workers at USSR Industrial Establish-  
ments, by B. P. Nikol'skiy, 3 pp.

RUSSIAN, handbook, Spravochnik Khimika, Vol III,  
Moscow, 1952, pp 1,292 pp //71-173.

Sci Trans Center RT 3197

Scientific - Medicine

~~2129~~  
AEC-2129

~~55~~ 55 J51 173

CIA/FDD/U-668X

The Biophysical Interpretation of Electrocardiograms  
in Cattle, by B. S. Nikol'skiy, 15 pp.

RUSSIAN, bk, Vsesoyuznyi Institut Eksperimental'noi  
Veterinarii, 1957.

OTS 60-51055  
PL-480

Sci - Med

194, 204

May 62

PST 331

Measurement of Ferrite Parameters at Microwave  
Frequencies by B. V. Nikol'skiy, 38 pp.

I.  
RUSSIAN, per, Radiotekhnika i Elektronika, No 1,  
1956, pp 447-468.

SLA Tr R-854

Sci - Electronics

52,278

Sep 57

*Morris D. Friedman*

Schwartz's Algorithm in the Stress Problem of the  
Theory of Elasticity, by E. N. Nikol'skiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,  
1960, pp 549-552.

AIP  
Sov Phys - Dok  
Vol V, No 6

Sci

Jun 61

158, 407

The Reflection of Plane Elastic Waves from 122  
an Arbitrary Inhomogeneous Layer in the Case  
of Normal Incidence, by E. V. Nikol'skiy,

16 pp.

RUSSIAN, per, Zurnal Prikladnoy Matematiki i  
Tekhnicheskoy Fiziki, No 4, 1964.

P100306767  
PTD-HT-66-261

Sci-Physics  
Dec 67

E. V. Nikol'skiy  
366,665

JPRS: R-107-N/1 ( ).

Changes in the Construction of Our Trigonometric  
Towers, by G. Nikol'skiy, 16 pp.

RUSSIAN, per, Geodezist, No 1, 1929, pp 9-18.

FDD/X 4209

USSR

Engr

29 Apr 60

Relationship Between  $n_e$  and T in the Transitional  
Region Between the Chromosphere and the Corona,  
by M. A. Livshits, G. M. Nikol'skiy.  
RUSSIAN, per, Astron Zhur, Vol XLI, No 1, 1964,  
pp 75-79.  
NASA TT F-8687

Sci-Ear Sci & Astron  
Jul 64  
U.S. GOVERNMENT ONLY

260,977

Corpuscular Radiation of the Sun and  
Zodiacal Light, by G. M. Nikol'skiy, 28 pp.

RUSSIAN, per, Voprosy Kosmogonii, Vol VII,  
1960.

JPRS 24734

Sci  
Jun 64

260,097

Identification of Sun's Emission Lines in the  
Shortwave Region of the Spectrum, by G. S.  
Ivanov-Kholodnyy, G. M. Nikol'skiy.

RUSSIAN, per, Geomagnetism i Aeronomiya, Vol II,  
No 3, 1962, pp 425-442.

NASA TT P-8662

Sci  
Jan 63  
US GOV'T USE ONLY

219,842

Solar Short-Wave Radiation: Review, by G. N. Nikol'ski.

27 pp.

RUSSIAN, per, Geomagnet i Aeron, Vol II, No 1, 1962.

AGU

Sci -  
Nov 63

241,827

Identification of Solar Radiation Lines in the ~~Solar~~  
Wave Region of the Spectrum  $\lambda \leq 1100 \text{ \AA}$ , by N. N. Ivanov-  
Khlobodnyy, G. M. Nikol'skii, 15

USSR, per, Geomagnet i Aerona, Vol II, No 3,  
1962, pp 425-442.

AGU

241,935

Sci -  
Nov 63

Non-Oscillating Coronagraph With a High-Dispersion  
Stationary Spectrograph, by G. M. Nikol'skiy,  
V. P. Proshin, 6 pp.

RUSSIAN, per, Geomagnet i Aeron, Vol II, No 3,  
1962, pp 532-540.

AGU

241, 945

Sci -  
Nov 63

Ultraviolet Solar Radiation and the Transition  
Layer Between the Chromosphere and the Corona,  
by, G. S. Ivanov-Kholodnyi, G. M. Nikol'skiy,  
pp. 31-46.

RUSSIAN, per, Astron Zhur, Vol XXXVIII, No 1,  
1961, pp. 45-65.

AIP

Sci

167, 556

Sept 61

The Diffuse Medium in Globular Clusters, by  
G. M. Idlis, G. M. Nikol'skiy, 8 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 4,  
1959, pp 668-676.

Amer Inst of Phys  
Soviet Astron-AJ  
Vol III, No 4

Sci

111 697

the Coronal Emission Line  $\lambda$  5694, by G. M. Hiltner, 1957,  
4 pp.

RUSSELL, per, Astron Zhur, Vol XXXVI, No 3, 1959,  
pp 477-480.

Amer Inst of Phys  
Sov Astron - AJ  
Vol III, No 3

Sci  
Jan 60

106, 476

On the Shape of Solar Corona, by G. M. Nikol'skiy,  
6 pp.

ROSSIAE, per, Astron Zhur, Vol XXXIII, No 1, 1956,  
pp 84-86. CIA 645743

AFIC P-53-9763/V

Sci - Astron  
Apr 59

85, 013

Photometry of Coronal Rays and Corpuscular Streams:  
by G. M. Nikolskiy  
UNCL

RUSSIAN, bk, Fizika Solnechnykh Korpuskuliyarnykh  
Potokov i ikh Vozdelystviye na Verkhnuyu Atmosferu  
Zemli; Trudy Konferentsii Komissii po Issledovaniyu  
Solntse, 22-24 Moyabrya 1955 g, Moscow, 1957  
pp 61-68. CJA 658056-V

ATIC NCL-309/III

Sci - Astronomy

112, 948

Apr 60

Discussions on the Lectures of E. R. Mustel',  
A. B. Severnyi, S. K. Vachkavietakii et al.,  
G. M. Nikol'skiy, E. A. Ponomarev, 11 pp.

RUSSIAN, bk, Fizika Solnechnykh Korpusokulyarnykh  
Potokov i ikh Vozdystviye na Verkhnyyu Atmosferu  
Zemli; Trudy Konferentsii Komissii po Issledovaniyu  
Solntsa, 22-24 Moyabrya 1955 g, Moscow, 1957..

CATIC MCL-309/III  
Amer Meteorol Soc  
AF Cambridge Res Center

Sci - Astronomy  
Telecom 41775  
Jan 60

105 240

Contribution to the Question of the Corpuscular  
Radiation of the Sun, by S. K. Vsekhsvyatskiy,  
G. M. Nikol'skiy, Ye. A. Ponomarev, V. I. Cheredni-  
chenko, 26 pp.

RUSSIAN, per, Astron Zhur, Vol XXXII, No 2, 1955,  
pp 165-176.

ATIC F-TS-9602/V

Sci - Astron  
Mar 59

82, 838

The Polarization of Coronal Emission Lines, by E. I.  
Mogilevskii, G. M. Nikol'skiy, K. I. Nikol'skaya,  
19 pp.

Russian, per, Astron Zhur, Vol XXXVII, No 2, 1960,  
pp 236-245

AIP  
Sov Astron - AJ  
Vol IV, No 2

Sci

Nov 60

132,958

Structure and Far Ultraviolet Radiation of the  
Upper Stellar Atmosphere. I. Continuous Emission  
of Hydrogen and Helium, by G. M. Nikol'skiy, 7 pp.

RUSSIAN, per, Astron Zhur, Vol XL, No 4, 1963,  
pp 668-677.

Amer Inst of Phys  
Sov Astron - AJ  
Vol VII, No 4

Sci  
Apr 64

254,517

Extreme Ultraviolet Solar Radiation and the Structure of  
the Solar Atmosphere in Active and Undisturbed Regions,  
by G. S. Ivanov-Kholodnyy, G. M. Nikol'skiy, 11 pp.

RUSSIAN, per, Astron Zhur, Vol XXXIX, No 5, 1962,  
pp I 777-791.

Amer Inst of Phys  
Sov Astron- AJ  
Vol VI, No 5

Sci  
Apr 64

253,946

Ionization and Excitation of Hydrogen. I. Elementary Processes for the Upper Levels, by G. S. Ivanov-Kholodnyy, G. M. Nikol'skiy, R. A. Gulyayev, 12 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVII, No 5, 1960,  
pp 799-811.

AIP  
Sov Astron - AJ  
Vol IV, No 5

Sci

158, 194

Jun 61

Polar Ray Systems of the 1954 Corona, by G. M.  
Nikol'skiy, 9 pp.

RUSSIAN, per, Astron Zhur, Vol XXXIII, No 1, 1956,  
pp 87-92. *CIA 645309*

ATIC F-TS-9605/V

Sci - Astron  
Mar 59

82,830

The Temperature of the Solar System, by G.M. Nikol'skiy, 11 pp.

RUSSIAN, per, Geomagnetism i Aeronomiya Vol. III,  
No 3, 1963, pp 417-430.

AGU

Sci

May 1964

258,454

The Structure of the Solar Corona of 30 June 1954,  
by S. K. Vsekhsvyatskiy, G. M. Nikol'skiy, 9 pp.

RUSSIAN, per, Astron Zhur, Vol XXXII, No 4, 1955,  
pp 354-368. CIA 6453.25

ATIC F-TS-9603/V

Sci - Astron  
Mar 59

82, 833

Ozonides of Sodium, Rubidium and Cesium, by  
G. P. Nikol'skiy, Z. A. Bagdasay'yan, I. A.  
Kazarnovskiy, 9 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, 1951, Vol LXXVII,  
No 1, pp 69-72.

SLA 59-15504

Sci  
Oct 59  
Vol 2, No 3

99874

The Heat of Formation of Potassium Ozonide, and the  
Electron Affinity of the Ozone Molecule, by G. P.  
Nikol'skiy, et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXII, No 4, 1950,  
pp 713-715.

AT&T RJ-166  
90

Sci - Chem

Jul 59

90, 858

The Biology of Fishes, by G. V. Nikol'skiy.  
352 pp.  
RUSSIAN, bk, Биология Рыб, 1963, 368 pp.  
Dept of Inter  
BCF/CFF  
A-33/Nov 69/34  
On Loan Only

37

G. V. Nikol'skiy

Sci-B&M  
Jan 70

400,348

SOME GENERAL GENERALIZATIONS OF THE DYNAMICS OF  
ANIMAL POPULATIONS. BY N. P. NOVAKOV,  
XOLOX. V. M. M. 1962, 18 PP.

RSSIA, PERIODICALS, VOL XII, NO 5, 1962.  
PP 113-114.

JWMS 20608

SCI - BIOL  
AUG 63

206,608

Special Ichthyology, by G. V. Nikol'skiy, 538 pp.  
RUSSIAN, bk, Chastnaya Ikhtiologiya, 1954.

OTS 60-21817  
PL-480

Sci .. Biol

Jul 62

207. 764

FET 233

The Type of Dynamics of Stocks and the Character of  
Spawning of the Chum Oncorhynchus Keta (Walb.) and the  
Pink Salmon Oncorhynchus Gorbuscha (Walb.) in the Amur  
River, by G. V. Nikol'skiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVI, No 4, 1952,  
pp 873-875.

OTS 60-51139  
PL-480

198, 283

Sci - Biol

May 62

PST 341

Specialized Ichthyology, by G. V. Nikol'skiy.

RUSSIAN, bk, 1954, 457 pp.

\*PL 480

Sci

4 May 62

Stations for Improving Natural Propagation of Far  
East Salmon, by G. V. Nikolskiy, 9 pp.

RUSSIAN, per, Rybnoe khoziaistvo, Vol XXIII, No 2,  
1956, pp 55-59.

OTS 60-21098  
PL 480

123,740

Sci-Geophys

Aug 60

Concerning the Biological Basis of the Rate of Exploitation, and Means of Managing the Abundance of Fish Stocks, by G. V. Nikol'skiy, 16 pp.

RUSSIAN, <sup>bK</sup>, Ocherki po Obshchim Voprosam Ikhnologii,  
Moscow/Leningrad, 1953, p. 308-315,

CIA D 4114727.

Sci Tr Center  
PL-4218

41,540

Sci -~~zoology~~ Biology

S.L.A. 8/17/71

Nikolskiy, G. V.

1961

On the causes of fluctuations in fish number (O prichinakh fluktuatsii chislennosti ryb).

Voprosy Ikhtiolodii, vol. 1, no. 4(21): 659-665. In Russian.

Translation by Z. Kabata, May 1962, 5p., processed, avail.  
Dept. of Agric. and Fisheries for Scotland, Marine Laboratory,  
Aberdeen, as Transl. 756. Loan - Biol. Lab., BCF, Seattle.  
Another preliminary translation by W. E. Ricker, 11p., multi-  
graphed, avail. loan Fish. Res. Bd. Canada, Nanaimo, Station,  
as FRB Canada, Transl. Series no. 389.

PTM  
Original Article Checked .....

Concerning the Causes of Fluctuations in  
the Abundance of Fishes, by G. V. Nikolsky.

RUSSIAN, per, Voprosy Ikhtiologii, Vol I,  
No 4(21), pp 659-665.

Dept of Interior  
QH301 C273 No 389

Sci-Biol  
Sep 63

345, 208

75. 1

Contribution to a Biological Foundation for Salmon  
Fishing Industry of the Amur Basin, by G. V. Nikol'-'  
skiy, 11 pp.

RUSSIAN, per, Trud Sov po Voprosam Lososevodstva  
Khoziaistva Dal'nego Vostoka, 1953, pp 160-168.

Sci Tr Center  
RS-4284

Sci - Biology

41,541

G. A. R-1779

Some Characteristics of the Population Dynamics  
of Certain Types of Atlantic Herring, by G. V.  
Nikol'skiy, T. N. Belyanina.

RUSSIAN, per, Zhur Obshch Biolog, Vol XX, No 3,  
1959, pp 161-173.

DSIR LLU RTS 1547

Sci - Biol

Oct 60

128,836

SLA: 61-15908

The Dynamics of Numbers in Fish Populations and the  
So-called Problem of Productivity of Water  
Reservoirs, by G. V. Nikol'skiy, 21 pp.

RUSSIAN, per, Zool Zhur, Vol XXIX, No 6, 1950,  
pp 489-500.

Sci Tr Center RF-1662

Scientific - Biology Apr 55 OTS

22,791

The Geography of Transportation of Kazakhstan, by  
I. V. Nikol'skiy, 10 pp.

RUSSIAN, per, Geograf i Khoz, No 3-4, 1958, pp 47-54.

Soviet Geography  
Amer Geograph Soc  
Vol II, No 3

USSR

150,262

Geog

May 61

The Occurrence of Hydrogen Embrittlement of  
Steel in Aqueous Solutions of Hydrogen Sulfide,  
by S. A. Balzin, I. V. Nikol'skiy, 4 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXI, No 8,  
1958, pp 1181-1183.

Consultants Bureau

Sci-Chem

Aug 59

94,667

Railroad Freight Traffic of the USSR, by I. V.  
Nikol'skiy, 54 pp.

RUSSIAN, bk, Geografiya Transporta SSSR, 1960.

Amer Geographical Soc  
Soviet Geography  
Vol II, No 6

USSR

Geog - Geography of Transportation

Jun 61

155, 639

(NY-5084)

Protecting Buried Long-Distance Communications  
Links from Lightning Strokes, by M. I.  
Mikhailov, K. I. Nikol'skiy, L. D. Razumov,  
S. A. Sokolov, 14 pp.

3

RUSSIAN, per, Vestnik Svyazi, No ~~A~~ 1957.

JPRS 7027

156,703

Sci  
Jun 61

Combined Cathode Protection of the Main-Line Communication  
Cables and Conduits from Corrosion, by K. K. Nikol'skiy,  
5 pp.

RUSSIAN, per, Vestnik Svyazi, No 1, 1964.

JPRS 23981

Sci  
Apr 64

253,938

(FDD 32703),

NY-1336

Complex Protection of Communications Cable from  
Corrosion, by K. K. Nikol'skiy and L. D. Razumov,

RUSSIAN, no per., Vest Svyazi, no/ 10, Moscow, Oct 1957,  
pp 56-57.

\*CIA JPPS 4/57

USSR  
Eco;Communications Sci;Electronics

(NY-5226)

Measurement of the Potential Difference Between  
the Cable Sheathing and the Ground When Using  
Non-Polarizable Electrodes, by K. K. Nikol'skiy,  
O. A. Anufriyeva, 14 pp.

RUSSIAN, per, Vestnik Svyazi, No 12, 1955.

JPRS 7095

Sci

146, 901

Apr 61

(NY-5206)

Modernizing the PED-45 Electric Drain, by K. K.  
Nikol'skiy, L. D. Razumov, 13 pp.

RUSSIAN, per, Vestnik Svyazi, No 5, 1956.

JPRS 7068

Sci

Jul 61

158, 266

(NY-5233)

Regulating the Protecting Devices for Overhead  
Communication Lines, by K. K. Nikol'skiy, 11 pp.

RUSSIAN, per, Vestnik Svyazi, No 7, 1953,  
pp 12, 13.

JPRS 7103  
CIA/FDD Tr 543

Sci

159, 384

Jul 61

(NY-4719)

High-Resistance Voltmeter for Measuring  
"Cable-Ground" Potential Differences, by A. A.  
Shifonov-Yakovlev, K. K. Nikol'skiy, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 3 (240), 1960.

JPRS 5429

Sci - Electron

Nov 60

131,147

Corrosion Effects on Communications Cables by Currents  
of dc Transmission Lines of a "Wire-Ground" System,  
by M. I. Mikhailov, K. K. Nikol'skiy.

RUSSIAN, per, Elektrosvyaz', No 7, Jul 1957,  
pp 68-72.

Consultants Bureau

Sci - Electronics  
Jan 60

106,731

Conditions for the Case of Aerial and Cable  
Communication Lines Adjacent to DC Superhigh  
Tower Transmission Lines, by M. I. Milkaylov,  
K. K. Nikol'skiy, 17 pp. (AF 105964?).

RUSSIAN, no per., Elektrosvyaz', No 11, Nov 1956,  
pp 65-75.

ATIC F-TS-9162/4

Sci - Electronics  
Nov 58

76,770

Development of the Fishing Industry in the  
North During Five Years 1966-1970, by  
L. S. Nikel'skiy,  
RUSSIAN, per. Materialy Sessiy Uchenogo  
Soveta PIANO po Rezul'tatam Issled v 1964g.  
No 6, 1966, pp 17-20.  
Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

LSSR  
Econ  
Jun 67

In Order to Catch More Fish, by M. Nikolskiy.

RUSSIAN, np, Ekon. Gazeta, 1 Sep 1962.

Dept of Interior  
88211 E&2 No 414

Sci - Biol & Med Sci

Mar 63

225,392

Progress on the West Siberian Railroad, by  
N. Nikol'skiy, 4 pp.

RUSSIAN, np, Gudok, 17 Jul 1962, p 3.

JPRS 15544

USSR  
Econ  
Oct 62

115,704

(NY-5100/9)

The West Siberian RR -- Today and Tomorrow, by N.  
Nikol'skiy, 5 pp.

RUSSIAN, np, Gudok, 14 Jun 1961.

JPRS 10182

USSR

172,034

Econ

Oct 61

<p>Nikol'skiy, N. M. THE FORTIETH ANNIVERSARY OF THE MOSCOW VETERINARY ACADEMY (K Sorokaletiyu Moskovskoy Veterinarnoy Akademii). 14 Apr 61, 8p. Trans. V-1673. Order from OTS or SLA \$1.10                    61-19761</p> <p>Trans. of Veterinariya (USSR) 1960, v. 37, no. 7, p. 11-13.</p> <p>DESCRIPTORS: *Veterinary medicine, *USSR, *Universities.</p> <p>(Agriculture--Animal Husbandry, TT, v. 6, no. 2)</p>	<p>61-19761</p> <p>I. Nikol'skiy, N. M. II. Trans-V-1673</p> <p>Office of Technical Services</p>	
---	--	--

Military-Veterinary Service in the Formation of  
the Soviet Veterinary Medicine, by N. M. Nikol'yan.  
1957.

RUSSIAN, per, Veterinariya, Vol XXXIV, No 11,  
Moscow, Nov 1957, pp 25-39. CIA D 9015322

USDA

100-164

100-164

37470

Eradication of Glanders in the USSR Is an  
Outstanding Achievement of Soviet Epizootiologists,  
by N. M. Nikol'skiy.

RUSSIAN, per, Veterinariya, Vol XXXVI, No 7,  
1959, pp 89, 90. 9043T50

USDA  
SLA-59-22793  
100, 530

Sci - Med

Sep 59

The Single Giant Fiber of the Soviet Pacific Squid as  
an Object of Electrophysiological Investigation, by  
A. A. Lev, N. N. Mikol'skiy, 14 pp.

RUSSIAN, 1/ bk, Voprosy Tsitologii i Protistologii,  
Sbornik Rabot, 1960.

OMS 61-31010  
PL-480

Sci

Jun 62

197,675

PER 545

Practical Soil Sciences by M. M. Bissell, 200 pp.  
RUSSIAN, Inc., Hutchinson, Kansas.

678 68-2983  
PL-400

Sci - Earth Sci & Astron  
Mar 64

200,879

The Decay Time of the Action Potentials From the Giant Nerve in the Squid and From the Sciatic Nerve in the Frog, By N. N. Nikolskiy, 7 pp.

BRITISH, per, Biofiz., Vol III, No 5,  
1958, pp 566-575.

Pergamon Press

Sci

Dec 59

101, 909

(DC-3356)

Transmission of Excitation in the Giant Axon of  
the Squid, by A. A. Lev, N. N. Nikol'skiy, D. L.  
Rosental<sup>c</sup>, Ye. A. Shapiro, 6 pp.

RUSSIAN, per, Tsitologiya, Vol I, No 6, 1959,  
pp 665-671.

JPRS 3628

Sci - Med

122,901

Aug 60

S-5229

(NY-2637).

The Relationship of Stimulus Intensity to the Magnitude of the Local Electrical Response in the single Giant Axon of the Squid, by A. A. Lev, N. N. Nikol'skiy, D. L. Rosenthal', Ye. A. Shapiro, 16 pp.

RUSSIAN, par, *Zoologiya*, Vol I, No 1, 1959,  
pp 94-104.

JPRS-1802-N

94, 301

Sci - Med, Cytology  
Aug 59

( ).

New Granite Base Station Marks of the Military  
Topographical Administration, by O. Nikol'skiy, 7 pp.

RUSSIAN, per, Geodezist, No 8, 1929, pp 30-34.

CIA FDD/X 4415

Sci-Phys

18 Aug 60

Influence of the Shape of Turbine Casing and of  
the Arrangement of the Gate Apparatus on Force  
Characteristics of the Vanes, by P. N. Nikol'skiy.

RUSSIAN, bk, Gridroturbostroenie, Mashgiz, 1957,  
pp 43-54.

DSIR LLU RTS 1528

Sci - Engr

128,780

Oct 60

An Investigation of Extensive Air Showers, by O.  
Bovzheenko, V. Zatsepin, B. Murzina, S. Nikol'skiy,  
I. Rakobol'skaya, E. Tukish, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5, 1958,  
pp 899-902.

Amer Inst of Phys  
Sov Phys - Doklady  
Vol III, No 1

Sci - Phys

Jul 59

91,482

nuclear-interacting particles and electron-photon  
cascades of high energy in the cores of extensive air  
showers, by S.I. Nikol'skiy, E.A. Murzina, 6pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Fiz, Vol XXVI,  
no 5, 1962, pp 668-673.

CTT

Sci

May 63

233,601

Investigation of Nuclear-Active Particles and  
Electron-Photon Showers with Energies  $> 10^{12}$  ev  
at 3860 m Altitude, by, E. V. Denisov, V. I.  
Zatsepin, S. I. Nikol'skiy, pp 51

RUSSIAN, per, Zbir EKspres i Teoret Fiz, Vol XL,  
No 2, 1961, pp, 419-425.

AIP  
Sov Phys-JETP  
Vol XIII, No 4

167, 518

Sci  
Aug 61

Calculation of Average Parameters of Extensive  
Cosmic-Ray Air Showers, by S. I. Nikol'skiy,  
A. A. Pomanskiy, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXI  
No 5 (11), 1960, pp 1339-1346.

AIP  
Soviet Phys - JETP  
Vol XII, No 5

Sci

Jul 61

157,660

Spatial Distribution of Charged Particles at  
Small Distances From the Axis of an Extensive  
Atmospheric Shower, by O. I. Dovichenko,  
S. I. Nikel'skiy, 5 pp.

RUSSIAN, thrice-~~ms~~ per, Dok Ak Nauk, Vol CII,  
No 2, 1955, pp 2~~ms~~ 241-245.

A.E.R.E. Harwell Tr 696

Sci - ~~ms~~ Astronomy; Geophysics 39, 294  
Sep 56 CTS

Extensive Air Showers and the Interactions of  
High Energy Particles, by S. I. Nikol'skiy.  
MGSNAN, ser. Izvestiya Akademii Nauk SSSR,  
Seriya Fizicheskaya, Vol 33, No 9, pp 1501-1507  
NASA TT F 13,041

S. I. Nikol'skiy  
sci/physics  
May 70

Energy Spectra of the Electron-Proton Component

in Extensive Atmospheric Showers Near the Shower  
Axis, by O. I. Dovzhenko, S. I. Nikol'skiy, I. V.  
Rakobol'skaya, 7 pp.

RUSSIAN, per, zhur Eksper i Teoret Fiz, Vol XXXVIII,  
No 5, 1960, pp 1361-1369.

AIP  
Sov Phys-JETP  
Vol XI, No 5

135,465

Sci -  
Doc 60

Decay Processes in the Development of Nuclear  
Cascades in the Atmosphere, by G. T. Zatsepin,  
S. I. Nikolskiy, and A. A. Pomeranskiy, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXVII(10),  
No 1, 1960, pp 197-201.

Amer Inst of Phys  
Sov Phys - JETP

Sci

Feb 60

108050

Cloud Chamber Investigations in the Cores of Extensive Air Showers, by P. O. I. Dovzhenko, S. I. Nikol'skiy, I. V. Rakobol'skaya, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVI, No 1, (9), pp 17-23.

Amer Inst of Phys  
Sov Phys - JETP  
Vol IX (35), No 1

Aug 59

93, 977

The Spatial Distribution of Nuclear-active Particles  
in Broad Atmospheric Showers of Cosmic Rays, by  
Yu. N. Vavilov, S. I. Nikol'skiy, V. P. Sarantsev, 2 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz, Vol  
XXVIII, Apr 1955, pp 505-506. CIA C 40846

American Inst of Physics  
57 East 55 St.  
New York 22, N. Y.

315-22

Scientific - Physics

Ionization spectrum of particles of the Soft and Hard Component of Cosmic Radiation, by N. A. Dobrotin, Ya. I. Graevskaya, N. L. Ghrighorov, S. I. Nikol'skiy and I. D. Rappoport.

RUSSIAN, Dok Ak Nauk SSSR, 1951, Vol 77, No 4,  
pp 599-602.

Brookhaven National Lab, Guide to Russian  
Scientific Periodical Lib, Vol 4, No 11,  
pp 335-338.

Sci Mu Lib of London 52/0747

A 1730

Energy Spectrum of  $\mu$ -Mesons in Extensive Atmospheric Cosmic Ray Showers, by O. I. Dovghenko, B. A. Valepo, S. I. Makol'chik, 3 pp.

KISSLAK, see per, Zbir Eksper i Teoret Fiz, Vol XXII, No 3, 1957, pp 463-466.

Amer Inst of Phys  
Gov Phys-JETP  
Vol V, No 3

537 816

Sci - Physics  
Nov 57

The Penetrating Component of Extensive Cosmic Ray Showers in the Atmosphere, by Yu. N. Vavilov, Yu. F. Evstigneev, and S. I. Nikol'skiy, 7 pp.

RUSSIAN, bimo per, Zhur Eakper i Teoret Fiz,  
Vol XXXII, No 6, 1957, pp 1319-1327.

Amer Inst of Physics  
Sov Physics - JETP  
Vol V, No 6

Sci - Phsics  
Apr 58

60,415

Study of High-Energy Nuclear-Active Particles  
with Ionization Chambers, by G. T. Zatsepin,  
V. V. Krugovyykh, E. A. Murzina, S. I. Nikol'skiy,  
3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,  
No 2, 1958, pp 298-300.

Amer Inst of Phys  
Sov Phys - JETP  
Vol VII (34), No 2

Sci - Physics

Oct 58

74, 562

Spatial Distribution of the Particles of  
Extensive Air Showers Produced by Primary  
Cosmic Rays of Various Energies, by S. P.  
Dobroval'skiy, S. I. Nikol'skiy, E. I. Tukish,  
V. I. Yakovlev, 2 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz,  
Vol XXXI, No 6, Dec 1956, pp 939-

Amer Inst of Phys  
Sov Phys, JETP  
Vol IV, No 6

51, 820

Sci - Physics  
Aug 57

Approximation of Functions,  
by S. M. Nikol'skiy.  
MEMO, Oct., Vol 3, Part 4, 1963.  
Amer. Math. Soc. 1C No. 60-2215

S. M. Nikol'skiy

Sci-Math  
June 65

303,300

Analysis, by N. A. Larent'ev, S. N.  
Nikol'skiy.  
SUSSEIN, Inc., Vol. 1, Part 1, 1962.  
Amr. Nat. Soc. LC No. G2-22016

S.M. Nikol'skiy

Scri-Math  
June 66

503,890